Shadrack Ankomahene

ankomaheneshadrack@gmail.com | +233559617959 | linkedin.com/in/shadrack-ankomahene-5a393311a/ | github.com/ankomahene

SUMMARY

Experienced and dedicated software engineer with six years of professional experience. Proficient in JavaScript, React, Next.js, Angular, TypeScript, and Node.js. Passionate about problem-solving and driven by excellence, I bring a wealth of expertise to any software development team.

EXPERIENCE

FRONTEND ENGINEER (Contract), Indel Technologies   *Jan 2026 - Feb 2026*
- Implemented the complete Patient Dashboard for Bawa Health, an AI-Powered Health Management System.
- Developed appointment booking with payment integration, speech-to-text functionality, and AI-based doctor recommendations.
- Implemented an in-app video consultation system using Daily.co with live transcription and screen sharing.

FULL-STACK ENGINEER, Kreeo AI   *Nov 2025 - Present*
- Lead development of Kreeo Sync, a Figma plugin built with React for documenting and generating AI-powered designer portfolios.
- Manage the full system architecture, including Figma Plugin (React + TypeScript), Web Dashboard (React), and Backend (Nest.js + PostgreSQL via Supabase).
- Implemented Figma OAuth authentication, project syncing, and asset uploads from Figma.
- Implemented an AI case study generation and integrated reliable speech-to-text using OpenAI APIs

FOUNDER & SOFTWARE ENGINEER, Faithtower Media Technologies   *Jan 2025 - Present*
- Designed and launched multiple SaaS products, including **Sales Management, Smart Church Management, and Inventory Management systems**, currently used by businesses and organizations.
- Built scalable multi-tenant web applications using **React, Next.js, TypeScript, and modern frontend architecture**, handling authentication, subscriptions, and role-based access.
- Managed full product lifecycle: product strategy, system design, development, deployment, client onboarding, and ongoing support.
- Delivered custom web platforms for NGOs, hotels, and companies, helping organizations digitize operations and improve workflow efficiency.

SOFTWARE ENGINEER, Morgan Stanley   *Feb 2020 - Dec 2024*
- Built and maintained internal API platforms and developer tools using **React, Angular, TypeScript, and Microsoft Azure**, supporting enterprise-level developer systems.
- Developed a self-service API deployment tool with OpenAPI validation, semantic versioning, and policy management, reducing API deployment time by **40%** and improving developer efficiency.
- Designed and implemented a real-time API usage dashboard using data from **Azure Application Insights**, enabling teams to monitor client usage by application, response codes, and traffic patterns to support business decisions.
- Improved frontend performance by reducing unnecessary HTTP requests and implementing caching strategies, leading to faster load times and better user experience.
- Optimized CI/CD pipelines by introducing parallel builds and workflow improvements, reducing build time by **60%** while maintaining **95%+ automated test coverage**.
- Contributed to shared Angular and TypeScript inner-source libraries, improving code quality, maintainability, and reuse across multiple teams.
- Designed and built an MVP version of an internal API marketplace using React and TypeScript, improving developer discovery and increasing API platform engagement by **25%**.

SOFTWARE ENGINEER, Turntabl Ghana Limited   *Oct 2019 - Dec 2024*
- Built a large-scale ETL pipeline using **Python and AWS**, processing over **7GB of JSON data** from the AWS data lake, converting to ORC format, and deploying via AWS Batch and EC2 to support personalized user recommendations.
- Led a team of 3 developers across multiple projects, assigned tasks, conducted code reviews, and ensured high engineering standards.
- Trained and onboarded **50+ engineers** in JavaScript, React, Angular, and TypeScript, improving frontend proficiency by **40%** based on internal assessments.
- Organized and delivered internal React masterclasses and mentored junior engineers, strengthening frontend best practices across the company.

PROJECTS

Some of my projects include
- Ecommerce Store (fmtdesignprint.com)
- Dronehub Platform (dronehubgh.com)
- iSmart NGO Website (theismart.org)
- FMT (fmtsoftware.com)
- AIG (aigcorp.net)
- Smart Church Management System (thechurchhub360.com)

Other personal projects
- AI-Powered Place Finder (placiagh.netlify.app)
- Project manager app with Kanban Board (projex-plum.vercel.app)
- TradingPlatform (ms-tradesim.netlify.app)
- CaseCanvas (case-canvas-one.vercel.app)
- Multi-tenant business platform(vendora.vercel.app)

For more projects and details,
visit mrshadrack.site

EDUCATION

Bachelor of Education, Computing and Mathematics   *Aug 2015 - May 2019*
UNIVERSITY OF CAPE COAST

SKILLS

Frontend: HTML, CSS, JavaScript, TypeScript, React, Next.js, Redux, React Query, Angular, RxJS, Sass/SCSS, Tailwind CSS, ShadCN, Material-UI, Bootstrap.
Backend: Java, Python, Nodejs/Express, Typescript, Nest.js
Databases and storage: Postgres, MySQL, Firebase, Supabase, Appwrite, MongoDB, Airtable, CouchDB, S3, Cloudinary, Cloudflare R2, Backblaze B2.
CMS: Sanity, Contentful, Strapi
APIs and microservices: REST, GraphQL, Spring Boot
Project Management: Git, Jira, Agile
Testing: Jasmine, Karma, Cypress, Jest, React Testing Library
Others: AWS, Azure, Jenkins, Heroku, Travis CI, GitHub Actions, CI/CD, Vercel, Netlify, Render, Railway.